

				QC 2 - 50	
				QC 2 - 51	
				QC 2 - 52	
				QC 2 - 57	
				QC 2 - 62	
				QC 2 - 63	
				QC 2 - 8	
				QC 2 - 66	
				QC 2 - 64	
				QC 2 - 65	
				QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	DJP 20-03-27
				QC 2 - 69	
130 QC 8	12 pcs	2/24/20	0.00 0.00	QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	JAS 20/04/01
				QC 8 - 57	
				QC 8 - 76	
				QC 8 - 61	
140 Handfinish - 1-1 Chemical-B4B	12 pcs	2/24/20	0.00 0.56	Handfinish - 1 - 1 - B4B	BEB 20-04-02
				Handfinish - 1 - 2 - B4B	
				Handfinish - 1 - 3 - B4B	
				Handfinish - 1 - 4 - B4B	
				Handfinish - 1 - 5 - B4B	
				Handfinish - 1 - 6 - B4B	
				Handfinish - 1 - 7 - B4B	
				Handfinish - 1 - 8 - B4B	
				Handfinish - 1 - 9 - B4B	
				Handfinish - 1 - 10 - B4B	
				Handfinish - 1 - 11 - B4B	
				Handfinish - 1 - 12 - B4B	
				Handfinish - 1 - 13 - B4B	
				Handfinish - 1 - 14 - B4B	

					Handfinish - 1 - 15 - B4B	
					Handfinish - 1 - 16 - B4B	
					Handfinish - 1 - 17 - B4B	
					Handfinish - 1 - 18 - B4B	
					Handfinish - 1 - 19 - B4B	
					Handfinish - 1 - 20 - B4B	
					Handfinish - 1 - 21 - B4B	
					Handfinish - 1 - 22 - B4B	
150	Powdercoat - 1 White GI(A)- B4B	12 pcs	2/24/20	0.00 0.46	Powdercoat - 1 - B4B	
					Powdercoat - 2 - B4B	
					Powdercoat - 3 - B4B	
					Powdercoat - 4 - B4B	
160	QC 3	12 pcs	2/24/20	0.00 0.00	QC 3 - 10	
					QC 3 - 13	
					QC 3 - 15	
					QC 3 - 17	
					QC 3 - 18	
					QC 3 - 2	
					QC 3 - 28	
					QC 3 - 3	
					QC 3 - 30	
					QC 3 - 34	
					QC 3 - 36	
					QC 3 - 41	
					QC 3 - 51	
					QC 3 - 58	
					QC 3 - 59	
					QC 3 - 68	
					QC 3 - 9	
					QC 3 - 40	
					QC 3 - 19	
					QC 3 - 43	
					QC 3 - 24	
					QC 3 - 61	
					QC 3 - 81	
170	Packaging 3-1 - Stock - B4B	12 pcs	2/24/20	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	

					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
					Packaging 3 - 37 - B4B	
180 QC 21 - SA	12 pcs	2/24/20	0.00	0.00	QC 21 - SA - 21 ✓	ST398A
					QC 21 - SA - 70	
					QC 21 - SA - 53	DAS

Part Op 100 - (HAAS CNC vertical machine #1) Program Batch No **S264654**
 Descriptions: 110 - (Manufacture as per dwg) Machine keyway as per dwg D2573 & D2574
 120 - QC2- Inspect parts off machine FAI/FAIB
 130 - (QC8- Inspect parts - second check)
 140 - (Chemical Conversion Coat per QSI005 4.1)
 150 - (White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum) START TIME: _____
 160 - (QC3- Inspect Part Finish)
 170 - (Identify as per dwg & Stock Location: _____)
 180 - (QC21- Final Inspection - Work Order Release)

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APR 06 2020

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D6101-007	Saddle Billet	12 pcs (1 ea)	90-Machining - Issue SN	S235968 x 4 S253739 x 8

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Machining - Issue SN	D6101-007	12	63	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Saddle, Aft Outboard	0.438Inches + 0.005 - 0.000	0.443 0.438		
2	Saddle, Aft Outboard	1.745Inches + 0.010 - 0.000	1.755 1.745		
3	Saddle, Aft Outboard	3.495Inches + 0.010 - 0.000	3.505 3.495		
4	Saddle, Aft Outboard	1.745Inches + 0.010 - 0.000	1.755 1.745		
5	Saddle, Aft Outboard	7.990Inches + 0.020 - 0.000	8.010 7.990		
6	Saddle, Aft Outboard	0.490Inches + 0.020 - 0.000	0.510 0.490		
7	Saddle, Aft Outboard	0.257Inches + 0.005 - 0.000	0.262 0.257		
8	Saddle, Aft Outboard	0.375Inches + 0.005 - 0.000	0.380 0.375		
9	Saddle, Aft Outboard	0.490Inches + 0.020	0.510		

Plex 12/20/19 8:38 AM Dart.Renwick.Jennifer

			- 0.000	0.490
10	Saddle, Aft Outboard	1.174Inches	+ 0.010 - 0.000	1.184 1.174
11	Saddle, Aft Outboard	0.558Inches	+ 0.020 - 0.000	0.578 0.558
12	Saddle, Aft Outboard	1.174Inches	+ 0.010 - 0.000	1.184 1.174
13	Saddle, Aft Outboard	1.365Inches	+ 0.010 - 0.000	1.375 1.365
14	Saddle, Aft Outboard	2.495Inches	+ 0.010 - 0.000	2.505 2.495
15	Saddle, Aft Outboard	4.119Inches	+ 0.010 - 0.000	4.129 4.119
16	Saddle, Aft Outboard	0.115Inches	+ 0.020 - 0.000	0.135 0.115
17	Saddle, Aft Outboard	0.115Inches	+ 0.020 - 0.000	0.135 0.115
18	Saddle, Aft Outboard	0.240Inches	+ 0.020 - 0.000	0.260 0.240
19	Saddle, Aft Outboard	0.115Inches	+ 0.020 - 0.000	0.135 0.115
20	Saddle, Aft Outboard	0.178Inches	+ 0.020 - 0.000	0.198 0.178
21	Saddle, Aft Outboard	3.210Inches	+ 0.040 - 0.000	3.250 3.210
22	Saddle, Aft Outboard	0.230Inches	+ 0.020 - 0.000	0.250 0.230
23	Saddle, Aft Outboard	0.115Inches	+ 0.020 - 0.000	0.135 0.115
24	Saddle, Aft Outboard	0.308Inches	+ 0.005 - 0.000	0.313 0.308
25	Saddle, Aft Outboard	0.760Inches	+ 0.005 - 0.000	0.765 0.760
26	Saddle, Aft Outboard	0.352Inches	+ 0.020 - 0.000	0.372 0.352
27	Saddle, Aft Outboard	0.470Inches	+ 0.060 - 0.000	0.530 0.470
28	Saddle, Aft Outboard	0.615Inches	+ 0.020 - 0.000	0.635 0.615
29	Saddle, Aft Outboard	0.053Inches	+ 0.020 - 0.000	0.073 0.053
30	Saddle, Aft Outboard	0.240Inches	+ 0.020 - 0.000	0.260 0.240
31	Saddle, Aft Outboard	1.500Inches	+ 0.020 - 0.000	1.520 1.500
32	Saddle, Aft Outboard	0.115Inches	+ 0.020 - 0.000	0.135 0.115
33	Saddle, Aft Outboard	0.240Inches	+ 0.040 - 0.000	0.280 0.240
34	Saddle, Aft Outboard	0.240Inches	+ 0.020 - 0.000	0.260 0.240
35	Saddle, Aft Outboard	2.000Inches	+ 0.020 - 0.000	2.020 2.000
36	Saddle, Aft Outboard	0.023Inches	+ 0.020 - 0.000	0.043 0.023

Plex 12/20/19 8:38 AM Dart.Renwick.Jennifer

DART AEROSPACE LTD	Work Order: 204811
Description: Saddle, Aft Outboard	Part Number: D2573
Inspection Dwg: D2573 Rev. F	Page 1 of 3

Inspect dimensions highlighted on inspection sheet drawing D2573 Rev. E and record below:

Dim	Min	Max	Go/No Go Gauge	Recorded Actual Dimensions				By	Date
				1	2	3	4		
A	0.438	0.443		0.438	0.438	0.438	0.438		
B	1.745	1.755		1.750	1.750	1.750	1.750		
C	3.495	3.505		3.500	3.500	3.500	3.500		
D	1.745	1.755		1.750	1.750	1.750	1.750		
E	7.990	8.010		8.000	8.000	8.000	8.000		
F	0.490	0.510		0.503	0.502	0.504	0.502		
G	0.257	0.262		0.258	0.258	0.258	0.258		
H	0.375	0.380		0.375	0.375	0.375	0.375		
I	0.490	0.510		0.503	0.502	0.503	0.502		
J	1.174	1.184		1.179	1.179	1.179	1.179		
K	0.558	0.578		0.568	0.569	0.569	0.569		
L	1.174	1.184		1.179	1.179	1.179	1.179		
M	1.365	1.375		1.370	1.370	1.370	1.370		
N	2.495	2.505		2.500	2.500	2.500	2.500		
O	4.119	4.129		4.124	4.124	4.124	4.124		
P	0.115	0.135		0.133	0.133	0.133	0.133		
Q	0.115	0.135		0.125	0.125	0.1255	0.1245		
R	0.240	0.260		0.254	0.2535	0.253	0.253		
S	0.115	0.135		0.134	0.132	0.131	0.131		
T	0.178	0.198		0.188	0.188	0.188	0.188		
U	3.210	3.250		3.230	3.230	3.230	3.230		
V	0.230	0.250		0.247	0.244	0.243	0.244		
W	0.115	0.135		0.134	0.1325	0.132	0.132		
X	0.308	0.313		0.311	0.311	0.311	0.310		
Y	0.760	0.765		0.760	0.760	0.760	0.760		
Z	0.352	0.372		0.370	0.366	0.364	0.364		
AA	0.470	0.530		0.500	0.500	0.500	0.500		
AB	0.615	0.635		0.626	0.626	0.626	0.626		
AC	0.053	0.073		0.064	0.060	0.060	0.060		
AD	0.240	0.260		0.257	0.253	0.254	0.255		
AE	1.500	1.520		1.510	1.510	1.510	1.510		
AF	0.115	0.135		0.120	0.120	0.120	0.120		
AG	0.240	0.280		0.280	0.280	0.280	0.280		
AH	0.240	0.260		0.256	0.256	0.255	0.255		
AI	2.000	2.020		2.000	2.000	2.000	2.000		
AJ	0.023	0.043		0.033	0.033	0.033	0.033		
Accept/Reject									

Measured by: <i>STP</i>
Date: 20-03-21

Audited by: <i>WJR</i>
Date: 20/4/1

Rev	Date	Change	Revised by	Approved
B	02.09.26	Re-format; Added Rev. D	KJ	
C	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension AI	KJ/RF	
E	05.12.05	Added dimension AJ	KJ/JLM	
F	13.03.07	Dwg Rev updated	KJ	

DART AEROSPACE LTD	Work Order: 204811
Description: Saddle, Aft Outboard	Part Number: D2573
Inspection Dwg: D2573 Rev. F	Page 2 of 3

Inspect dimensions highlighted on inspection sheet drawing D2573 Rev. E and record below:

				Recorded Actual Dimensions				By	Date
Dim	Min	Max	Go/No Go Gauge	5	6	7	8		
A	0.438	0.443		0.438	0.438	0.438	0.438		
B	1.745	1.755		1.750	1.750	1.750	1.750		
C	3.495	3.505		3.500	3.500	3.500	3.500		
D	1.745	1.755		1.750	1.750	1.750	1.750		
E	7.990	8.010		8.000	8.000	8.000	8.000		
F	0.490	0.510		0.503	0.503	0.504	0.502		
G	0.257	0.262		0.258	0.258	0.258	0.258		
H	0.375	0.380		0.375	0.375	0.375	0.375		
I	0.490	0.510		0.502	0.502	0.502	0.502		
J	1.174	1.184		1.179	1.179	1.179	1.179		
K	0.558	0.578		0.569	0.569	0.568	0.568		
L	1.174	1.184		1.179	1.179	1.179	1.179		
M	1.365	1.375		1.370	1.370	1.370	1.370		
N	2.495	2.505		2.500	2.500	2.500	2.500		
O	4.119	4.129		4.124	4.124	4.124	4.124		
P	0.115	0.135		0.132	0.132	0.130	0.131		
Q	0.115	0.135		0.126	0.126	0.126	0.126		
R	0.240	0.260		0.2525	0.253	0.253	0.253		
S	0.115	0.135		0.132	0.131	0.131	0.129		
T	0.178	0.198		0.188	0.188	0.188	0.188		
U	3.210	3.250		3.227	3.227	3.228	3.228		
V	0.230	0.250		0.245	0.245	0.245	0.242		
W	0.115	0.135		0.132	0.133	0.133	0.130		
X	0.308	0.313		0.310	0.3105	0.311	0.310		
Y	0.760	0.765		0.760	0.760	0.760	0.760		
Z	0.352	0.372		0.364	0.363	0.364	0.364		
AA	0.470	0.530		0.500	0.500	0.500	0.500		
AB	0.615	0.635		0.626	0.626	0.627	0.627		
AC	0.053	0.073		0.060	0.057	0.057	0.062		
AD	0.240	0.260		0.255	0.254	0.255	0.252		
AE	1.500	1.520		1.510	1.510	1.510	1.510		
AF	0.115	0.135		0.122	0.122	0.122	0.122		
AG	0.240	0.280		0.280	0.280	0.280	0.280		
AH	0.240	0.260		0.255	0.256	0.256	0.256		
AI	2.000	2.020		2.000	2.000	2.000	2.000		
AJ	0.023	0.043		0.033	0.033	0.033	0.033		
Accept/Reject									

Measured by: <u>STP</u>
Date: <u>20-03-22</u>

Audited by: <u>[Signature]</u>
Date: <u>20/4/1</u>

Rev	Date	Change	Revised by	Approved
B	02.09.26	Re-format; Added Rev. D	KJ	
C	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension AI	KJ/RF	
E	05.12.05	Added dimension AJ	KJ/JLM	
F	13.03.07	Dwg Rev updated	KJ	

DART AEROSPACE LTD	Work Order: 204811
Description: Saddle, Aft Outboard	Part Number: D2573
Inspection Dwg: D2573 Rev. F	Page 3 of 3

Inspect dimensions highlighted on inspection sheet drawing D2573 Rev. E and record below:

Dim	Min	Max	Go/No Go Gauge	Recorded Actual Dimensions				By	Date
				9	10	11	12		
A	0.438	0.443		.438	.438	.438	.438		
B	1.745	1.755		1.750	1.750	1.750	1.750		
C	3.495	3.505		3.500	3.500	3.500	3.500		
D	1.745	1.755		1.750	1.750	1.750	1.750		
E	7.990	8.010		8.000	8.000	8.000	8.000		
F	0.490	0.510		0.503	0.503	0.502	0.502		
G	0.257	0.262		0.258	0.258	0.258	0.258		
H	0.375	0.380		0.375	0.375	0.375	0.375		
I	0.490	0.510		0.502	0.503	0.503	0.503		
J	1.174	1.184		1.179	1.179	1.179	1.179		
K	0.558	0.578		0.568	0.567	0.569	0.569		
L	1.174	1.184		1.179	1.179	1.179	1.179		
M	1.365	1.375		1.370	1.370	1.370	1.370		
N	2.495	2.505		2.500	2.500	2.500	2.500		
O	4.119	4.129		4.124	4.124	4.124	4.124		
P	0.115	0.135		0.133	0.133	0.133	0.133		
Q	0.115	0.135		0.125	0.125	0.125	0.126		
R	0.240	0.260		0.253	0.2525	0.2525	0.254		
S	0.115	0.135		0.130	0.130	0.130	0.130		
T	0.178	0.198		0.188	0.188	0.188	0.188		
U	3.210	3.250		3.228	3.230	3.230	3.230		
V	0.230	0.250		0.241	0.243	0.242	0.242		
W	0.115	0.135		0.132	0.131	0.130	0.131		
X	0.308	0.313		0.310	0.310	0.310	0.310		
Y	0.760	0.765		0.760	0.760	0.760	0.760		
Z	0.352	0.372		0.364	0.364	0.364	0.364		
AA	0.470	0.530		0.500	0.500	0.500	0.500		
AB	0.615	0.635		0.626	0.627	0.627	0.626		
AC	0.053	0.073		0.065	0.065	0.065	0.065		
AD	0.240	0.260		0.251	0.252	0.252	0.252		
AE	1.500	1.520		1.510	1.510	1.510	1.510		
AF	0.115	0.135		0.122	0.122	0.122	0.122		
AG	0.240	0.280		0.280	0.280	0.280	0.280		
AH	0.240	0.260		0.253	0.254	0.254	0.254		
AI	2.000	2.020		2.000	2.000	2.000	2.000		
AJ	0.023	0.043		0.033	0.033	0.033	0.033		
Accept/Reject									

Measured by: <u>DP</u>	Audited by: <u>WBS</u>
Date: <u>20-03-26</u>	Date: <u>20/4/11</u>

Rev	Date	Change	Revised by	Approved
B	02.09.26	Re-format; Added Rev. D	KJ	
C	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension AI	KJ/RF	
E	05.12.05	Added dimension AJ	KJ/JLM	
F	13.03.07	Dwg Rev updated	KJ	

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					